

# BaTh Requirements and Development of a Repair Index for Components in the Automotive Sector

Within the project DaCCCar (Darmstadt Circular Changeable Car) we focus on car concepts for longevity. Repairability is one key parameter for the concepts.



## Task description

- Quantify the effort for repair and exchange of relevant components in passenger cars

## Task Details

- Research literature on assessment methods for repairability in different contexts
- Comparison of influencing variables, calculation methods and forms of presentation of assessment methods
- Deriving requirements for a repair index in the automotive sector
- Development and exemplary application of the repair index for a selected component
- Discussion of advantages and disadvantages of the chosen approach

**NOTICE: All projects and theses at FZD can be done in English or German, as preferred.**

**ANMERKUNG: Alle Projekte und Arbeiten bei FZD können wahlweise in Englisch oder Deutsch durchgeführt werden.**